



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 11721878
SAU: Sabattus School Department
School: Sabattus Central School

Contents of the Report

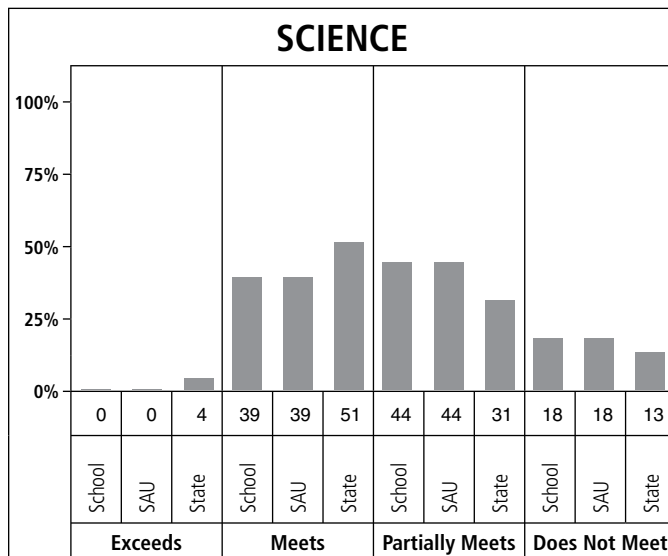
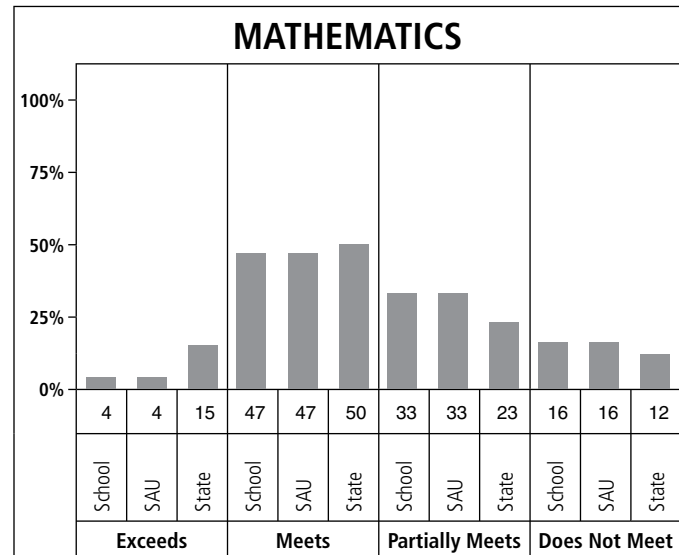
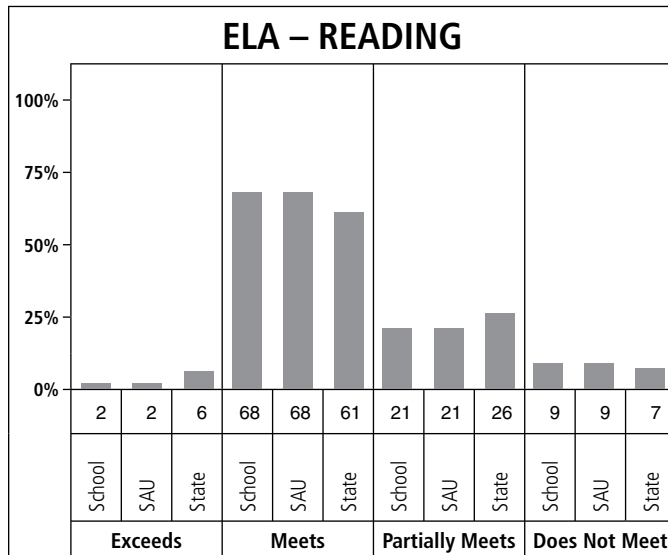
The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009
 Grade: 5
 SAU: Sabattus School Department
 School: Sabattus Central School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	542	542	544
2007–2008	544	543	545
2008–2009	545	545	546
Cum. Avg.*	544	543	545
Mathematics			
2006–2007	537	537	546
2007–2008	538	538	546
2008–2009	542	542	547
Cum. Avg.*	539	539	546
Science			
2008–2009 **	540	540	543



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date:	March 2009
Grade:	5
SAU:	Sabattus School Department
School:	Sabattus Central School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
Total number of students	58	100	58	100	14212	100	57	98	57	98	14135	100	57	98	57	98	14144	100	57	98	57	98	14137	100
Ethnicity African American/Black	2	3	2	3	397	3	2	100	2	100	388	98	2	100	2	100	393	99	2	100	2	100	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	56	97	56	97	13271	93	55	98	55	98	13212	100	55	98	55	98	13211	100	55	98	55	98	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	5	9	5	9	2479	17	4	80	4	80	2454	100	4	80	4	80	2455	100	4	80	4	80	2451	99
Current LEP	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
Economically disadvantaged	22	38	22	38	5848	41	22	100	22	100	5815	100	22	100	22	100	5819	100	22	100	22	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
Participation without accommodations	55	95	55	95	10849	76	55	95	55	95	10872	76	55	95	55	95	10976	77
Identified disability (PET/IEP)	2	4	2	4	298	3	2	4	2	4	307	3	2	4	2	4	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	1	2	1	2	123	1	1	2	1	2	121	1	1	2	1	2	126	1
Participation with accommodations	2	3	2	3	3122	22	2	3	2	3	3124	22	2	3	2	3	3019	21
Identified disability (PET/IEP)	2	100	2	100	1992	64	2	100	2	100	2000	64	2	100	2	100	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	0	0	0	0	907	29	0	0	0	0	886	28	0	0	0	0	826	27
Participation through alternate assessment (PAAP)	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	1	2	1	2	58	0	1	2	1	2	49	0	1	2	1	2	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2009
Grade:	5
SAU:	Sabattus School Department
School:	Sabattus Central School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	2	4	2	4	659	5
	2008-2009	1	2	1	2	836	6
	Cum. Total*	3	2	3	2	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	26	57	26	54	7730	55
	2007-2008	27	56	27	55	8195	58
	2008-2009	39	68	39	68	8495	61
	Cum. Total*	92	61	92	60	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	13	28	15	31	4182	30
	2007-2008	12	25	12	24	3800	27
	2008-2009	12	21	12	21	3667	26
	Cum. Total*	37	25	39	25	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	7	15	7	15	1419	10
	2007-2008	7	15	8	16	1362	10
	2008-2009	5	9	5	9	973	7
	Cum. Total*	19	13	20	13	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	30.3	63.1	30.3	63.1	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	15.1	62.9	15.1	62.9	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.2	63.3	15.2	63.3	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Sabattus School Department
 School: Sabattus Central School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	57	1	2	39	68	12	21	5	9	545	57	2	68	21	9	545	13971	6	61	26	7	546
Ethnicity																						
African American/Black	2										2						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	55	1	2	38	69	11	20	5	9	545	55	2	69	20	9	545	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	4										4						2290	0	29	47	23	537
No	53	1	2	36	68	11	21	5	9	545	53	2	68	21	9	545	11681	7	67	22	4	548
Current LEP																						
Yes	0										0						354	1	35	34	30	538
No	57	1	2	39	68	12	21	5	9	545	57	2	68	21	9	545	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	22	0	0	14	64	6	27	2	9	544	22	0	64	27	9	544	5716	2	51	35	12	542
No	35	1	3	25	71	6	17	3	9	546	35	3	71	17	9	546	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	57	1	2	39	68	12	21	5	9	545	57	2	68	21	9	545	13963	6	61	26	7	546
Gender																						
Female	23	1	4	16	70	5	22	1	4	546	23	4	70	22	4	546	6882	8	62	24	6	547
Male	34	0	0	23	68	7	21	4	12	544	34	0	68	21	12	544	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1914	1	41	44	14	540
No	57	1	2	39	68	12	21	5	9	545	57	2	68	21	9	545	12057	7	64	23	6	547
Gifted/talented program																						
Yes	4										4						450	26	72	2	0	557
No	53	0	0	37	70	11	21	5	9	544	53	0	70	21	9	544	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Sabattus School Department

School: Sabattus Central School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	4	0	0	2	100	0	0	0	0	558	4	0	100	0	0	558	4	2	40	34	24	540
B. less than one hour	86	1	2	35	71	10	20	3	6	546	86	2	71	20	6	546	70	6	63	26	6	546
C. one to two hours	9	0	0	2	40	2	40	1	20	538	9	0	40	40	20	538	24	7	61	26	6	546
D. more than two hours	2	0	0	0	0	0	0	1	100	524	2	0	0	0	100	524	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	21	1	8	9	75	2	17	0	0	548	21	8	75	17	0	548	36	10	67	18	5	549
B. good	67	0	0	28	74	6	16	4	11	545	67	0	74	16	11	545	47	5	62	27	6	546
C. fair	9	0	0	1	20	4	80	0	0	540	9	0	20	80	0	540	15	2	47	40	12	541
D. poor	4	0	0	1	50	0	0	1	50	538	4	0	50	0	50	538	2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	1	7	5	36	5	36	3	21	542	25	7	36	36	21	542	31	9	65	20	5	548
B. They match some of what I have learned.	63	0	0	27	75	7	19	2	6	545	63	0	75	19	6	545	55	5	63	27	5	546
C. They match just a little of what I have learned.	9	0	0	5	100	0	0	0	0	551	9	0	100	0	0	551	10	3	45	38	14	542
D. There is no match.	4	0	0	2	100	0	0	0	0	543	4	0	100	0	0	543	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	12	0	0	5	71	1	14	1	14	543	12	0	71	14	14	543	16	3	49	32	15	542
B. about the same as my regular schoolwork	72	1	2	29	71	7	17	4	10	545	72	2	71	17	10	545	64	7	63	25	5	547
C. easier than my regular schoolwork	16	0	0	5	56	4	44	0	0	547	16	0	56	44	0	547	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	0	0	4	67	1	17	1	17	542	11	0	67	17	17	542	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	63	0	0	26	72	7	19	3	8	545	63	0	72	19	8	545	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	26	1	7	9	60	4	27	1	7	546	26	7	60	27	7	546	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	9	0	0	4	80	1	20	0	0	545	9	0	80	20	0	545	20	10	64	21	5	548
B. 20 minutes to an hour	65	1	3	24	65	7	19	5	14	545	65	3	65	19	14	545	56	7	65	24	5	547
C. less than 20 minutes	11	0	0	4	67	2	33	0	0	544	11	0	67	33	0	544	10	3	52	33	12	543
D. I rarely read at home.	16	0	0	7	78	2	22	0	0	548	16	0	78	22	0	548	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	30	0	0	11	65	4	24	2	12	544	30	0	65	24	12	544	25	3	53	33	11	543
B. six to ten pages	36	1	5	16	80	1	5	2	10	549	36	5	80	5	10	549	26	6	61	26	7	546
C. eleven or more pages	34	0	0	11	58	7	37	1	5	543	34	0	58	37	5	543	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	1	100	0	0	0	0	546	50	0	100	0	0	546						
C.	50	0	0	0	0	1	100	0	0	538	50	0	0	100	0	538						
D.	0										0											

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	5
SAU:	Sabattus School Department
School:	Sabattus Central School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	0	0	0	0	1711	12
	2007-2008	0	0	0	0	1617	12
	2008-2009	2	4	2	4	2119	15
	Cum. Total*	2	1	2	1	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	18	39	18	38	6778	48
	2007-2008	20	42	20	41	7284	52
	2008-2009	27	47	27	47	7046	50
	Cum. Total*	65	43	65	42	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	17	37	18	38	3884	28
	2007-2008	19	40	19	39	3341	24
	2008-2009	19	33	19	33	3193	23
	Cum. Total*	55	36	56	36	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	11	24	12	25	1683	12
	2007-2008	9	19	10	20	1778	13
	2008-2009	9	16	9	16	1638	12
	Cum. Total*	29	19	31	20	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	22.2	46.3	22.2	46.3	25.5	53.1
A. Number	18	38	8.5	47.2	8.5	47.2	9.8	54.4
B. Data	10	21	4.1	41.0	4.1	41.0	5.2	52.0
C. Geometry	10	21	4.7	47.0	4.7	47.0	4.7	47.0
D. Algebra	10	21	4.9	49.0	4.9	49.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Sabattus School Department
 School: Sabattus Central School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	57	2	4	27	47	19	33	9	16	542	57	4	47	33	16	542	13996	15	50	23	12	547
Ethnicity																						
African American/Black	2										2						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	55	2	4	27	49	18	33	8	15	542	55	4	49	33	15	542	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	4										4						2307	3	32	32	33	536
No	53	2	4	25	47	17	32	9	17	542	53	4	47	32	17	542	11689	17	54	21	8	549
Current LEP																						
Yes	0										0						365	5	33	30	32	536
No	57	2	4	27	47	19	33	9	16	542	57	4	47	33	16	542	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	22	0	0	6	27	12	55	4	18	538	22	0	27	55	18	538	5731	7	46	29	18	542
No	35	2	6	21	60	7	20	5	14	544	35	6	60	20	14	544	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	57	2	4	27	47	19	33	9	16	542	57	4	47	33	16	542	13988	15	50	23	12	547
Gender																						
Female	23	0	0	9	39	9	39	5	22	538	23	0	39	39	22	538	6889	14	51	23	12	546
Male	34	2	6	18	53	10	29	4	12	544	34	6	53	29	12	544	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1918	3	39	36	22	539
No	57	2	4	27	47	19	33	9	16	542	57	4	47	33	16	542	12078	17	52	21	10	548
Gifted/talented program																						
Yes	4										4						450	64	34	2	0	564
No	53	0	0	25	47	19	36	9	17	540	53	0	47	36	17	540	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: Sabattus School Department
School: Sabattus Central School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	2	100	0	0	0	0	552	4	0	100	0	0	552	4	8	38	26	28	539
B. less than one hour	86	2	4	23	47	16	33	8	16	542	86	4	47	33	16	542	70	15	52	23	10	547
C. one to two hours	9	0	0	2	40	3	60	0	0	542	9	0	40	60	0	542	24	15	51	23	11	547
D. more than two hours	2	0	0	0	0	0	0	1	100	514	2	0	0	0	100	514	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	33	2	11	13	68	4	21	0	0	550	33	11	68	21	0	550	34	28	50	14	8	552
B. good	53	0	0	13	43	10	33	7	23	539	53	0	43	33	23	539	45	11	54	24	10	546
C. fair	12	0	0	1	14	4	57	2	29	534	12	0	14	57	29	534	18	3	45	33	19	540
D. poor	2	0	0	0	0	1	100	0	0	534	2	0	0	100	0	534	3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	25	1	7	8	57	4	29	1	7	547	25	7	57	29	7	547	38	22	52	19	7	550
B. They match some of what I have learned.	61	0	0	15	43	13	37	7	20	539	61	0	43	37	20	539	48	12	53	24	11	546
C. They match just a little of what I have learned.	12	0	0	4	57	2	29	1	14	541	12	0	57	29	14	541	11	6	40	30	24	540
D. There is no match.	2	1	100	0	0	0	0	0	0	566	2	100	0	0	0	566	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	14	0	0	3	38	3	38	2	25	536	14	0	38	38	25	536	17	7	42	30	21	540
B. about the same as my regular schoolwork	61	0	0	15	43	13	37	7	20	539	61	0	43	37	20	539	64	15	53	23	10	547
C. easier than my regular schoolwork	25	2	14	9	64	3	21	0	0	552	25	14	64	21	0	552	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	4	0	0	1	50	0	0	1	50	532	4	0	50	0	50	532	7	6	39	27	27	539
B. 30–45 minutes	23	0	0	4	31	5	38	4	31	537	23	0	31	38	31	537	28	9	49	28	15	544
C. 45–60 minutes	37	1	5	14	67	4	19	2	10	546	37	5	67	19	10	546	41	17	53	21	9	548
D. more than 60 minutes	37	1	5	8	38	10	48	2	10	542	37	5	38	48	10	542	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	4	0	0	0	0	1	50	1	50	527	4	0	0	50	50	527	6	14	43	24	20	543
B. two or three days a week	11	0	0	1	17	4	67	1	17	534	11	0	17	67	17	534	24	17	52	21	10	548
C. two or three times each month	18	0	0	7	70	2	20	1	10	545	18	0	70	20	10	545	33	17	52	21	9	548
D. never or almost never	68	2	5	19	49	12	31	6	15	543	68	5	49	31	15	543	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	18	0	0	4	40	4	40	2	20	540	18	0	40	40	20	540	23	13	47	26	15	545
B. two or three days a week	26	0	0	6	40	6	40	3	20	537	26	0	40	40	20	537	31	17	52	21	10	548
C. two or three times each month	33	0	0	10	53	7	37	2	11	543	33	0	53	37	11	543	27	17	52	21	10	548
D. never or almost never	23	2	15	7	54	2	15	2	15	546	23	15	54	15	15	546	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	0	0	1	100	0	0	534	50	0	0	100	0	534						
C.	50	0	0	0	0	1	100	0	0	538	50	0	0	100	0	538						
D.	0										0											

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N = Number

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: Sabattus School Department
School: Sabattus Central School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	0	0	0	0	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	22	39	22	39	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	25	44	25	44	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	10	18	10	18	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	27.2	56.7	27.2	56.7	29.2	60.8
D. The Physical Setting	24	50	12.3	51.3	12.3	51.3	12.9	53.8
E. The Living Environment	24	50	14.9	62.1	14.9	62.1	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Sabattus School Department
 School: Sabattus Central School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	57	0	0	22	39	25	44	10	18	540	57	0	39	44	18	540	13995	4	51	31	13	543
Ethnicity																						
African American/Black	2										2						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	55	0	0	22	40	24	44	9	16	540	55	0	40	44	16	540	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	4										4						2309	2	29	39	29	536
No	53	0	0	21	40	23	43	9	17	540	53	0	40	43	17	540	11686	5	56	30	10	545
Current LEP																						
Yes	0										0						361	1	23	32	44	533
No	57	0	0	22	39	25	44	10	18	540	57	0	39	44	18	540	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	22	0	0	5	23	10	45	7	32	536	22	0	23	45	32	536	5729	2	42	37	20	539
No	35	0	0	17	49	15	43	3	9	542	35	0	49	43	9	542	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	57	0	0	22	39	25	44	10	18	540	57	0	39	44	18	540	13987	4	51	31	13	543
Gender																						
Female	23	0	0	4	17	13	57	6	26	536	23	0	17	57	26	536	6886	4	49	33	14	542
Male	34	0	0	18	53	12	35	4	12	543	34	0	53	35	12	543	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1917	1	31	41	28	536
No	57	0	0	22	39	25	44	10	18	540	57	0	39	44	18	540	12078	5	55	30	11	544
Gifted/talented program																						
Yes	4										4						450	25	72	2	1	557
No	53	0	0	18	34	25	47	10	19	539	53	0	34	47	19	539	13545	4	51	32	13	543

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SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: Sabattus School Department
School: Sabattus Central School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	2	100	0	0	0	0	557	4	0	100	0	0	557	4	2	37	35	25	538
B. less than one hour	86	0	0	19	39	23	47	7	14	540	86	0	39	47	14	540	70	4	53	31	12	544
C. one to two hours	9	0	0	1	20	2	40	2	40	536	9	0	20	40	40	536	24	5	51	31	12	544
D. more than two hours	2	0	0	0	0	0	0	1	100	514	2	0	0	0	100	514	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	26	0	0	6	40	8	53	1	7	541	26	0	40	53	7	541	26	7	56	26	11	545
B. good	51	0	0	12	41	13	45	4	14	542	51	0	41	45	14	542	53	4	53	31	11	544
C. fair	23	0	0	4	31	4	31	5	38	535	23	0	31	31	38	535	18	2	41	39	17	540
D. poor	0										0						3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	19	0	0	3	27	4	36	4	36	536	19	0	27	36	36	536	23	5	56	28	11	544
B. They match some of what I have learned.	44	0	0	9	36	11	44	5	20	540	44	0	36	44	20	540	48	5	52	31	12	544
C. They match just a little of what I have learned.	32	0	0	8	44	9	50	1	6	541	32	0	44	50	6	541	23	4	49	33	14	543
D. There is no match.	5	0	0	2	67	1	33	0	0	545	5	0	67	33	0	545	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	12	0	0	1	14	3	43	3	43	533	12	0	14	43	43	533	23	5	48	31	16	543
B. about the same as my regular schoolwork	56	0	0	16	50	10	31	6	19	543	56	0	50	31	19	543	58	4	52	32	12	543
C. easier than my regular schoolwork	32	0	0	5	28	12	67	1	6	538	32	0	28	67	6	538	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	57	0	0	14	44	13	41	5	16	542	57	0	44	41	16	542	33	5	51	31	14	543
B. a few times a week	30	0	0	4	24	10	59	3	18	536	30	0	24	59	18	536	45	4	52	32	11	544
C. once a week	2	0	0	1	100	0	0	0	0	554	2	0	100	0	0	554	8	4	50	30	16	542
D. a few times a month	11	0	0	3	50	1	17	2	33	542	11	0	50	17	33	542	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	21	0	0	6	50	4	33	2	17	543	21	0	50	33	17	543	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	30	0	0	2	12	9	53	6	35	534	30	0	12	53	35	534	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	28	0	0	9	56	6	38	1	6	544	28	0	56	38	6	544	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	21	0	0	5	42	6	50	1	8	540	21	0	42	50	8	540	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	53	0	0	11	37	14	47	5	17	540	53	0	37	47	17	540	47	4	51	32	12	543
B. a few times a month	32	0	0	6	33	8	44	4	22	539	32	0	33	44	22	539	27	5	54	30	11	544
C. once a month	9	0	0	3	60	1	20	1	20	543	9	0	60	20	20	543	10	5	49	30	15	543
D. never or almost never	7	0	0	2	50	2	50	0	0	542	7	0	50	50	0	542	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	56	0	0	12	38	15	47	5	16	540	56	0	38	47	16	540	46	4	52	32	12	543
B. a few times a month	26	0	0	5	33	5	33	5	33	538	26	0	33	33	33	538	28	5	53	30	12	544
C. once a month	12	0	0	4	57	3	43	0	0	546	12	0	57	43	0	546	11	4	47	34	15	542
D. never or almost never	5	0	0	1	33	2	67	0	0	539	5	0	33	67	0	539	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	0	0	1	100	0	0	532	50	0	0	100	0	532						
C.	50	0	0	0	0	1	100	0	0	538	50	0	0	100	0	538						
D.	0										0											

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N = Number